

02-13-02.

A

PTO/SB/05 (08-00)

Please type a plus sign (+) inside this box → ⊕

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. AUS920000414US2

First Inventor Uttam Shyamalindu Ghoshal

Title Enhanced Interface Thermoelectric Coolers with All Metal

Express Mail Label No. EL750734445US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 31]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 15]
5. Oath or Declaration [Total Pages 4]
  - a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 17 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Other: .....

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation
 ☒ Divisional
 ☐ Continuation-in-part (CIP)

of prior application No.: 09, 731,616

Prior application information:

Examiner Parsons, Thomas H.

Group / Art Unit: 1741

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name	Duke W. Yee				
Address	Carstens, Yee & Cahoon, L.L.P. P.O. Box 802334				
City	Dallas	State	TX	Zip Code	75380
Country	USA	Telephone	(972) 367-2001	Fax	(972) 367-2002

Name (Print/Type)	Duke W. Yee	Registration No. (Attorney/Agent)	34,285
Signature	[Signature]		Date 02/11/02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. AUS920000414US2

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of Inventor(s):

**UTTAM SHYAMALINDU GHOSHAL and ERROL WAYNE ROBINSON**

For: **ENHANCED INTERFACE THERMOELECTRIC COOLERS WITH ALL METAL TIPS**

Assignee Name: International Business Machines Corporation

Assignee Residence: Armonk, New York

Enclosed are also:

- ☒ Utility Patent Application Transmittal
- ☒ 31 Pages of Specification including an Abstract
- ☒ 6 Pages of Claims
- ☒ 15 Sheet(s) of Drawings
- ☒ 2 A Declaration and Power of Attorney
- ☒ Form PTO 1595 and two (2) assignments of the invention to IBM Corporation
- ☒ Preliminary Amendment
- ☒ Information Disclosure Statement
- ☒ Form PTO 1449
- ☒ References AA-AR

## CLAIMS AS FILED

FOR	Number Filed		Number Extra		Rate		Basic Fee (\$740)
Total Claims	19	-20 =	0	X	\$ 18	=	\$0
Independent Claims	3	-3 =	0	X	\$ 84	=	\$0
Multiple Dependent Claims	0			X	\$280	=	\$0
<b>Total Filing Fee</b>							<b>= \$740</b>

- ☒ Please charge \$740.00 to IBM Corporation, Deposit Account No. 09-0447.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with the communication or credit any over payment to IBM Corporation, Deposit Account No. 09-0447. A duplicate copy of this sheet is enclosed.
  - ☒ Any additional filing fees required under 37 CFR § 1.16.
  - ☒ Any patent application processing fees under 37 CFR § 1.17.

Respectfully,



Duke W. Yee

Reg. No. 34,285

Carstens, Yee & Cahoon, LLP

P.O. Box 802334

Dallas, Texas 75380

Telephone: (972) 367-2001